UREMENT BOOK

Dimensions				Contents	Refer... to last Measure...
nber 3	Length 4	Breadth 5	Depth 6	7	8

Last & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495255

..... From..... To.....

...of nature of Agency .....

...ement of work .....

...description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Name of work: Improvements to roads & drains at Nanjappa Layout & surrounding areas in WN.10						
Est cost: 25.00L						
Estimate/Indent NO/ P-code: 010-18-000063/32230/P-3329.						
W/O number: BBMP/EG/BTP/WO/215/2018-19 Dt: 25/01/19.						
Name of Agency: Subbareddy. K.V NO 106 B. Aswathnagara. RMV 2nd Stage Bangalore 560094						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refer... to in Measu... B
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	
	Item NO:01: EWE by manual means in ordinary soil involving an average horizontal thro' upto 2m & and on avg lift upto 0.32m excavated surface levelled & sides neatly dressed, the disposal earth to be levelled neatly after breaking of clods complete as per specifications.						
	As per premeasurements vide MB NO: 4953 of pages 495291 to 495292						
	Total Qty 346.89 Cum						
	limited to 345 cum @ Rs 120/-					41400	
	Item NO:02: Providing & laying in PCC of mix 1:4:8 with OPC cement @ 180 kgs with 40mm & down size graded granite						

REMENT BOOK

Dimensions			Contents	Refer to last Measure
Length 4	Breadth 5	Depth 6	7	8
...is in ordinary soil involving an ...and on avg lift upto 0.3m ...really dressed, the disposal earth ...of clods complete as per				
4953 of page 495291 to 495292				
87 Cum				
@ Rs 120/-			41400	
...of mix 1:4:8 with OPC ...down size graded granite				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495256

...From..... To.....

...Name or nature of Agency .....

...Measurement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
...cubical CA at 0.85cum & FA @ 0.57 cum machine mixed, concrete laid in ...lifts not exceeding 15cm thick well compacted in foundation & plinth, ...including cost of all materials labour, Hire of machinery curing complete ...as per Specifications.						
...as per measurements of MB vide NO 4953 of page NO: 49592 to 495293						
		Total qty : 55.41 cum				
		limited to 55.35 cum		@Rs 4500/-	=	249075.00
...NO: 03: Providing & laying cc using 20mm & down size granite jelly ...of RMC for RCC work laid in 15cms thick layers & well compacted						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vibrating, curing, finishing with necessary CM, FW. & Scaffoldings to withstand pumping of concrete with all leads & lifts etc complete as per specifications.						
	Drain Bottom concrete:						
	Nanjappa layout is main						
	—"— N/S	1 x	30 x	0.90 x 0.15	= 4.05		
		1 x	2.90 x	0.90 x 0.15	= 0.39		
	—"— S/S	1 x	30 x	0.90 x 0.15	= 4.05		
		1 x	15 x	0.90 x 0.15	= 2.03		
	—"— 1st cross E/S	1 x	30 x	0.90 x 0.15	= 4.05		
		1 x	28.60 x	0.90 x 0.15	= 3.86		
	—"— W/S	1 x	30 x	0.90 x 0.15	= 4.05		
		1 x	28.60 x	0.90 x 0.15	= 3.86		
						26.34	

C&FD 31/05

M. A. E
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From,

Full description, etc, of work	Number
2	3
E/S	1 x
	1 x
N/S	1 x
	1 x
S/S	1 x
	1 x
	1 x
	1 x
1st main N/S	2 x
	2 x

C&FD 31/05

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ing with necessary CM, FW. &					
pening & concrete with all lead &					
specifications					
x	30 x	0.90 x	0.15 =	4.05	
x	2.90 x	0.90 x	0.15 =	0.39	
x	30 x	0.90 x	0.15 =	4.05	
x	15 x	0.90 x	0.15 =	2.03	
	30 x	0.90 x	0.15 =	4.05	
	28.60 x	0.90 x	0.15 =	3.86	
	30 x	0.90 x	0.15 =	4.05	
	28.60 x	0.90 x	0.15 =	3.86	
				26.34	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495257

From..... To.....

Name of nature of Agency .....

Name of work .....

Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 26.34 7	Reference to last Measurement 8
1st Across E/s	1 x	30 x	0.90 x	0.15 =	4.05	
	1 x	22.60 x	0.90 x	0.15 =	3.05	
— w/s	1 x	30 x	0.90 x	0.15 =	4.05	
	1 x	22.60 x	0.90 x	0.15 =	3.05	
4th Across w/s	1 x	30 x	0.90 x	0.15 =	4.05	
	1 x	9.60 x	0.90 x	0.15 =	1.30	
	1 x	29.50 x	0.90 x	0.15 =	3.98	
Side wall						
— 1st main N/s	2 x	30 x	0.15 x	0.60 =	5.40	
	2 x	2.90 x	0.15 x	0.60 =	0.52	
					55.79	

C&FC 31/05

EASUREMENT BO

	Dimensions				Contents 55.79	Refer to last Measure
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	2 X	30 X	0.15 X	0.60	5.40	
	2 X	15 X	0.15 X	0.60 =	2.70	
	2 X	30 X	0.15 X	0.60 =	5.40	
	2 X	28.60 X	0.15	X 0.60 =	5.15	
	2 X	30 X	0.15	X 0.60 =	5.40	
	2 X	28.60 X	0.15 X	0.60 =	5.15	
	2 X	30 X	0.15 X	0.60 =	5.40	
	2 X	22.60 X	0.15 X	0.60 =	4.02	
	2 X	30 X	0.15 X	0.60 =	5.40	
	2 X	22.60 X	0.15 X	0.60 =	4.02	
	2 X	30 X	0.15 X	0.60 =	5.40	

109.32

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495258

..... From..... To.....

Nature of Agency .....

Name of work .....

Full description, etc, of work	Dimensions				Contents 109.32	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	2 X	9.60 X	0.15 X	0.60 =	1.73	
	2 X	29.50 X	0.15 X	0.60 =	5.31	
					116.36 cum	
Limited to 116.24 cum @ Rs 5700/- =						662568.00

Item No 104: Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position lapping & or welding wherever required, tying with binding wire & anchoring to the adjoining members wherever necessary complete as per design

MEASUREMENT BO

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth	55.79	
1	2	3	4	5	6	7	
	—11— 1st main s/s	~~2~~ X	30 X	0.15 X	0.60	5.40	
		~~2~~ X	15 X	0.15 X	0.60 =	2.70	
	—11— 1st cross E/s	~~2~~ X	30 X	0.15 X	0.60	= 5.40	
		~~2~~ X	28.60 X	0.15	X 0.60	= 5.15	
	—11— W/s CR F.L	2 X	30 X	0.15	X 0.60	= 5.40	
	31.10	2 X	28.60 X	0.15 X	0.60	= 5.15	
	—11— 1st Across E/s	2 X	30 X	0.15 X	0.60	= 5.40	
		~~2~~ X	22.60 X	0.15 X	0.60	= 4.02	
	—11— W/s	~~2~~ X	30 X	0.15 X	0.60	= 5.40	
	—11— 1st Across W/s	~~2~~ X	~~22~~.60 X	0.15 X	0.60 =	4.02	
	—4— 4th Across W/s	2 X	30 X	0.15 X	0.60 =	5.40	

109.32

M. A. R. 57 (
Measureme

..... From.....

..... of Agency .....

..... of work .....

Full description, etc, of work	Number	Length
9	3	4
	~~2~~ X	9.60
	~~2~~ X	29.
Limited to 116	24 cum @	
Providing TMT		
bending, cutting, bending		
binding wherever required		
to the adjoining members when		

MEASUREMENT

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measu.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	As per premeasurements of MB No 4953 vide page no 495293 to 495294 Total qty 7.07 T limited to 6.97 T @ Rs 58000 /T					404260/-	
	Item No: 05: Providing & removing centering, shuttering, striking propping etc., & removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses plinth & string courses cost of all materials complete as per Specifications						
	As per premeasurements of MB No 4953 vide page no 495294 to 495295 Total quantity 886.56 Sqm limited to 885.60 @ Rs 270/-					239112.00/-	

EASUREMENT

	Dimensions			Contents	Ref... to last Measu...
	Number 3	Length 4	Breadth 5	Depth 6	7	
	of MB No wide / pa			4953	wide	
	to 495294					
	T limited to 6.97T					
	kgs				404260/-	
	moving centring, shuttering, strutting					
	d of form work for vertical surfaces such					
	ams, including attached pilasters, buttresses					
	cost of all materials complete as per					
	of MB No 4953 wide page No					
	295					
	.56 Sqm limited to 885.60					
					239112.00/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

From..... To.....

495259

...of nature of Agency .....

...ement of work .....

Description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
...06': Providing granite slabs of selected quality roughly dressed ... pard in CM (1:6) including fixing curing etc., complete 7.5 cms thick ... covering slab.						
...layout 1st main N/S						
	1 X	30 X		X0.90 =	27.00	
	1 X	2.90 X		X0.90	= 2.61	
— 11 — S/S	1 X	30 X		X0.90 =	27.00	
	1 X	15 X		X0.90 =	13.50	
1st cross E/S	1 X	30 X		X0.90 =	27.00	
	1 X	28.60 X		X 0.90 =	25.74	
— 11 — W/S	1 X	30.00		X0.90 =	27.00	

SUREMENT

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Ref. to last Measurement 8
1	X 28.60	X 0.90	=	25.74	
1	X 30.00	X 0.90	=	27.00	
1	X 22.60	X 0.90	=	20.34	
1	X 30	X 0.90	=	27.00	
1	X 22.60	X 0.90	=	20.34	
1	X 30	X 0.90	=	27.00	
1	X 9.60	X 0.90	=	8.64	
1	X 29.50	X 0.90	=	26.55	
				332.46 Sqm	
Sqm @ Rs. 550/-				182655/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495260

..... From..... To.....

Name of nature of Agency .....

Name of work .....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Item No: 07: Providing chamfering edges to stone slab 2.5cm wide as per specifications :						
	615	3			1845.00	
Limited to 1845 Sqm @ Rs 25.00					46125/-	
Item No: 08: Providing two line dressing to granite stone slabs/granite stone masonary as per Specifications.						
Qty. vide item No: 06					332.10 Sqm	
@ Rs 500/-					166050.00.	

MEASUREMENT

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Mea.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	× 28.60	×	0.90 =	25.74	
	—"— 1st Across E/S	1	× 30.00	×	0.90 =	27.00	
		1	× 22.60	×	0.90 =	20.34	
	—"— "— W/S	1	× 30	×	0.90 =	27.00	
		1	× 22.60	×	0.90 =	20.34	
	—"— 4th Across W/S	1	× 30	×	0.90 =	27.00	
		1	× 9.60	×	0.90 =	8.64	
		1	× 29.50	×	0.90 =	26.55	
						332.46 Sqm	
	Qty limited to 332.10 Sqm @ Rs. 550/-					182655/-	

M. A. R.
Measu

..... From.....
of nature of Agency .....
ement of work .....

Full description, etc, of work	Number
2	3
Item No: 07: Providing chamfering	
specifications:	616
Limited to 1845 sqm	
Item No: 08: Providing two	
line masonary as per Spec	
Qty. vide item No:	
	@ Rs

EASUREMENT

Dimensions				Contents	Ref. to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
1	X 28.60		X 0.90 =	25.74	
1	X 30.00		X 0.90 =	27.00	
1	X 22.60		X 0.90 =	20.34	
1	X 30		X 0.90 =	27.00	
1	X 22.60		X 0.90 =	20.34	
1	X 30		X 0.90 =	27.00	
1	X 9.60		X 0.90 =	8.64	
1	X 29.50		X 0.90 =	26.55	
				332.46 Sqm	
Sqm @ Rs. 550/-				182655/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

From..... To.....

of nature of Agency .....

ement of work .....

495260

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
Providing chamfering edges to stone slabs 2.5cm wide as per specifications :						
	615	3			1845.00	
Limited to 1845 Sqm	@ Rs 25.00				46125/-	
Item No: 08: Providing two line dressing to granite stone slabs/granite stone masonary as per Specifications.						
Qty. vide item No: 06					3321.10 Sqm	
	@ Rs 500/-				1660500.00.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item	NO:09: Providing & laying in PCC of mix 1:2:4 with Cement @240 kgs with 20mm & down size graded granite ~~ssa~~ metal CA @ 0.878 cum & FA @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation, plinth & sills, including cost of all materials, labour HOM of machinery, curing complete as per specifications.						
	Ramp						
	Nanjappa layout 1st main N/S	1 X	30 X	0.30 X	0.10 =	0.90	
		1 X	2.90 X	0.30 X	0.10 =	0.09	
	S/S	1 X	30 X	0.30 X	0.10 =	0.90	
		1 X	15 X	0.30 X	0.10 =	0.45	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Nanjappa Layout 4th Across W/S						
		1	30.00	0.30	0.10 =	0.90	
		1	9.60	0.30	0.10 =	0.29	
		1	29.50	0.30	0.10 =	0.89	
						11.08 cum	
	Limited to 11.07 cum @ Rs 5000/-					Total 55350/-	
						Grand-total — 2046595/-	
	Suvetha.N.K AE W/O 30/05/2019 Certified that the above work done Satisfactory & no materials issued from department.						

Assistant Engineer
Byraranyapura Sub Division

EMENT BOOK

Dimensions			Contents	Ref. to last Measurement
Length 4	Breadth 5	Depth 6	7	
W/S				
30.00 ×	0.30 ×	0.10 =	0.90	
9.60 ×	0.30 ×	0.10 =	0.29	
29.50 ×	0.30 ×	0.10 =	0.89	
			11.08 cum	
5000/-				
		Total	55350/-	
d-total			— 2046595/-	

t the above work done
& no materials issued from

Engineer
anyapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495262

From..... To.....

of nature of Agency .....

ement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
		59.60m				
		58.60m				
		58.60m				
				32.90m		
				45.00m		

1st A cross
1st cross
1st main Nanjappa Layout
P.B Srinivasa main Road
INDEX:
cc drain
Sketch NL
AE W10

Assistant Executive Engineer
Vidyaranyapura Sub-Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	1st and Final Bill.						

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 2046595-00

ಗತ್ತಿನ ಪಾಗು ಮಾಡಿದೆ ಇದರಲ್ಲಿ ರೂ 106744-00

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 1939851-00

ರೂಪಾಯಿ Nineteen Lakh Thirty nine thousand eight hundred fifty one only.

ಚೆಕ್ಕು ಮುಖಾಂತರ ಪಾವತಿಸಲಾಗಿದೆ

ಲೆಕ್ಕಿಗರು 31/5

ವ್ಯವಸ್ಥಾಪಕರು ಘಟಕ

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ 31/5

ಕಾ.ನಿ.ಇ.

31/5.

Total Rs: 20,46,595-00

IT - 20466-00

CGST - 20466-00

CESS - 2047-00

LR - 27219-00

SGST - 18273-00

SGST - 18273-00

Addn - 106744-00

Claim: 19,39,851-00.